IN THE ABSTRACT:

Please amend the Abstract as follows:

~~A b s t r a c t~~

Abstract of the Disclosure

~~The invention relates to a~~A method for use in an equalization of a channel by means of an equalizer 22, 23 is shown, wherein the channel uses a certain frequency band for a transfer of signals. In order to enable a channel equalization which requires a low complexity and which provides at the same time a good performance, ~~it is proposed that~~ the method ~~comprises determining~~determines a channel response for at least one frequency point within the frequency band used by the channel. The method further ~~comprises setting~~sets at least one adjustable coefficient φ_{0k}, b_{ck}, b_{rk}, a_{0k}, a_{1k}, a_{2k} of the equalizer such that an equalizer response compensates optimally the determined channel response at the at least one selected frequency point. ~~The invention relates equally to~~Also shown is a corresponding signal processing device 2, ~~to~~a corresponding signal processing system and ~~to~~a corresponding software program product.

~~For publication: Figure 4~~

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